re Fish Down Here From Snappers, 50c. Boston to Go Under Salt.

Surf brought steamer 70,000 pounds fresh fish here Boston, to split. Sch. Fannie Atwood is also here from Boswith 100,000 pounds and the sch. ida I. Lowell with 25,000, all to under salt.

e gill netters averaged their usual yesterday. Codfish are finding w market, and several of the oday's Arrivals and Receipts.

e arrivals and receipts in detail

Surf. via Boston, 70,000 lbs.

Lucinda I. Lowell, via Boston, lbs. fresh fish.

Fannie Belle Atwood, via Bos-10,000 lbs. fresh fish. Quartette, gill netting, 2000 lbs.

. Robert and Edwin, gill netting,

lbs. fresh fish. Quoddy, gill netting, 1000 lbs.

Rough Rider, gill netting, 1200 fresh fish.

Ethel, gill netting 3000 lbs. fish

Sawyer, gill netting, 1500 lbs.

Jeffery, gill netting, 2500 lbs

Dolphin, gill netting, 1600 lbs. Medomak, gill netting, 3000 lbs.

Naomi Bruce, gill netting, 2500 fresh fish.

. Rose Standish, shore.

h Evelyn M. Thompson, shore. r. Evelyn H., gill netting, 3000 lbs.

r. Julia May, gill netting, 2000 lbs.

Lorena, gill netting, 1500 lbs.

alian boats, shore, 5000 lbs. fresh

Vessels Sailed.

h Philip P. Manta, haddocking. Rose Standish, haddocking. amer Surf, beam trawling. h Emily Sears, haddocking, Ingomar, halfbuting. Sch. Natalie Hammond, halibuting.

TODAY'S FISH MARKET.

Salt Fish.

Handline Georges codfish, large, per cwt.; medium, \$3.75; snaporges halibut codfish, medium, \$3.50.

usk, large, \$2.50; medium, \$1.75; Hake, \$1.50.

Haddock, \$1.75. Pollock, \$1.75.

Fresh Fish. splitting prices: Haddock, \$1 per cwt.

Western cod, large, \$2; medium, \$1.60; snappers, 75c.

Eastern cod, large, \$1.90; medium, \$1.50; snappers, 75c.

All codfish, not gilled, 10c per 100 pounds less than above.

Peak cod, \$1.80 for large; medium. \$1.40.

Hake, \$1.

Cusk, large, \$1.50; medium, \$1.10;

Pollock, round, 80c; dressed, 90c. Fresh halibut 11c per 1b, for white, 8c for gray.

Fresh herring, \$2.50 per bbl. for bait, \$2 to freeze.

AT NEW PIER

sent their fares to the splitters. Sch. Mary P. Goulart is Highliner Today With 135,000 Pounds Fresh.

Big fares continue to rule at Boston, with off shore prices correspond-Since yesterday, the larg. ingly low. est fares in are schs. Mary F. Sears, Rose Dorothea and Mary P. Goulart. The latter hails for 135,000 pounds.

The drifters are finding a few fish, the Good Luck having 30,000 cod, the largest of the season.

Wholesalers paid \$1.50 to \$4 a hundred pounds for haddock, \$2 for large and \$1.75 for market cod, \$1 to \$1.50 for hake, \$1.50 for pollock, \$1 for cusk and 11 cents and 9 cent a pound for fresh halibut.

Boston Arrivals and ReceiPts.

The arrivals and receipts in detail

ARRIVALS AT BOSTON FISH PIER Sch. Mary F. Sears, 500 haddock,

50,000 cod, 1000 halibut.

Sch. Rose Dorothea, 38,000 haddock 43,000 cod, 4500 halibut.

Sch. Mary P. Goulart, 75,000 haddock, 60,000 cod. Sch. Hortense, 1000 haddock, 12,000

Sch. Good Luck, 1800 haddock, 30,-

000 cod. Sch. Thomas Brundage, 500 haddock,

26,000 cod. Sch. Elizabeth, 1000 cod,

Sch. Mary E. Sennett, 1500 haddock, 11,000 cod.

ARRIVALS AT T WHARF.

Sch. Richard, 25,000 fresh fish, Haddock, \$1.50 to \$4 per cwt.; large cod, \$2; market cod, \$1.75; hake, \$1 to \$1.50; pollock, \$1.50; cusk, \$1; halibut, 11 cents and 9 cents per lb.

Port Aux Basques Weather.

Port aux Basques weather report today: Temperature, 34, wind northwest, 12 miles; cloudy, no precipita-

Good Stock.

Sch. Natalie Hammond, Capt, Charles Colson, stocked \$3400 and the crew shared \$90 clear on their recent halibuting trip.

Deep-sea crafts discharged more than 300,000 pounds of snappers and groupers at Pensacola during the week ending Saturday. The receipts for the week were above the average. not counting the catches of eight vessels which arrived Saturday.

The best record for the week for the Saunders Fish Company was made by the Maud F. Silva, commanded by Capt. E. F. Pettersen. Capt. Peter Nelson, in command of the Mary B.

Twenty-four crafts arrived up to Saturday night. The respective records of the 18 vessels which have unloaded and weighed their catches are as follows:

E. E. Saunders Company.

	Snappers G	roupers
Flora J. Sears	18,315	4,510
Dorothy	18,000	4,500
Seaconnett	De 17,645	3,303
Ida M. Silva	20,000	
Alcina	20,000	3,885
Cavalier	20,000	
Maud F. Silva	28,050	2,000
Sea Em	2,380	720
bavorite	12,285	1,976
Lettie G. Howard	12,030	3,080
Emelia Enos	18,325	5,290
Warren Fis	h Company.	
Mary B. Greer	23,215	5,550
Galatea		400
Clara P. Sewell	17,495	3.170

19.235

13,685

4.500

4,000

Chicopee

Sallie Stearns

Total 264,620

IN THE BIGHT

A somewhat unusual adventure was experienced the other day by Messrs. B. A. Chater and T. E. Collingwood, who, while peacefully engaged in fishing off Macaulay Point, in a small 16foot punt, hauled in on their line not only a good-sized codfish, but a hundred pound shark. The fishermen had their tackle out for halibut and cod, and having got a bite from one of the latter, they commenced to pull it in. In struggling for freedom the fish in some way entangled the line around the tail of a shark in such way that made it impossible for either to escape. The shark was brought to the surface after a struggle which lasted for some time. Having tired the animal to the state of exhaustion, the men hoisted it into the boat and fixed its head under one of the seats. This feat was not accomplished without vigorous struggling by the imprisoned shark. The cod was also brought aboard, and with this prize the proud fishermen proceeded to the city and left the shark at P. Burns' meat market, where it might now be seen.-Lunenburg News.

Would Solve Bait Problem.

What is evidently an easy solution of the bait problem is furnished by a correspondent of The North Sydney Herald at Militia Point Boularderie, who writes as follows: "The Bras d' Or Lake is clear of ice and the farmers of this and surrounding districts are getting their gear ready for the Spring fishing.

There are thousands of barrels of herring caught here every year in the month of May and June, and sold as lobster bait to the lobster fishermen on the Southern shore from Gabarous to Canso.

Fifteen and 20 years ago the fishing fleet of Lunenburg took the most 12 of their supply of bait from this lake to The writer has known as many as 100 l-Greer, made the best record for the French bankers getting their balt s around here, but for the last few years there was not one vessel baited for it what reason I do not know.

They would rather lay to an anchor a in Canso and other harbors for weeks waiting for a chance to the Magda-e lens, than to come in the Bras d'Ore Lake, where they could readily pro-a cure a supply of bait,-North Sydney? Herald.

Salt Fish Market Tame.

One interesting development has asserted itself in the salt fish trade the past week, the Fishing Gazette comments. There is a scarcity and a quite pronounced demand for dried haddock, It seems unique to mention a commodity in the dried fish trade just now that is stimulating a scarcity value for itself in the face of a demand sufficiently noticeable to emphasize the scarcity of dried haddock.

Said a recognized Boston authority a few days ago: "Salt codfish are in moderate demand and prices easier The demand for fresh groundfish has been light and some off shore fish have been sold for curing. Recent catches of the gillnetters fishing out of Gloucester have run about two-thirds to haddock."

Said a recognized New York authority a few days ago: "The market for salt fish presents a tame appearance There is little demand for mackerel or other varieties and prices are in buyers' favor. However, no quotable changes in prices were noted during the interval. Herring is in small supply, while stocks of codfish are not in excess of requirements."

Lenten Demand "Not Up."

Says the Fishing Gazette: It seem to be a unanimous conclusion that the Lenten demand for salt fish did not approach the expectations of the New York handlers of salt fish. The mild weather was one factor to reac against the consumption of the salted finny tribe. Mild weather means plen tiful fresh fish at chean prices, and what is more, the price of butter and eggs is relatively low when the moderate temperature sets in. No, the salt fish men did not reap a harvest by any means this season of Lent that has just closed. "But there's always a little in it,' to quote one New York salt fish merchant, "and the credit of all the factors in the New York salt fish trade remains as good as ever. while the assets are plentifully evident, too."

Bureau of Fisheries Exhibit at Great Panama Exposition

The principal features of the United bordering on the United States and San Francisco are in the southwest corner of the Palace of Food Products and consist of an aquarium and a working hatchery. The aquarium consists of 29 tanks, one of which is 17 feet long, the remainder being 7 feet and 5 feet in length. There are also a circular floor pool 16 feet in diameter, and 2 others of oval shape each 8 feet long, which are designed for seals, turiles, and fishes too large for holding in the aquaria. The aquaria are all of approved modern construction, and are arranged for both sait and fresh water. Closed circulation is employed; that is, the water after passing through the aquaria is used over and over, the reservoirs and fil ters being beneath the floor. A machine room containing pumps, air circulating apparatus, refrigerating machine, etc., is conveniently located bemi hind the aquaria.

For the original stocking of the aquariam a car load of fishes was brough from the eastern and middle western States and other fresh-water specimens were obtained from Washington, Oregon and California. The collection as a whole, embraces examples of all the principal food and game varieties available at this season. The salt-water fishes came from Monterey and Catalina, and the assortment is quite complete. Some ornamental and curious species are shown, but the object is to confine the exhibit chiefly to food and commercial varieties. As occasion demands further collections will be made in order to maintain an interesting and instructive display as complete as coditions will permit. One of the bureau's six fish-trans-

portation cars is on a railroad siding near the exhibit space and will be used when required for transporting fish and fish eggs. When not engaged in collecting work the car will be open to visitors.

Appliances Used in Cultural Operations,

The fish-cultural appliances of the bureau are illustrated by trout troughs of the standard size and type, Clark-Williamson trough, a salmonhatching trough, a shad table equipped with McDonald hatching jars, a battery of Downing jars for hatching whitefish eggs, and a tidal box such as is used in ood work. The series of hatching apparatus is the most comprehensive ever shown at an exposition and illustrates all the principal methods used. Eggs of different species will be hatched during the exposition, varying, of course, with the seasons. Attention is invited to a glass-bottomed trough, lighted from beneath so, that the development of the egg and the first movements of the embryo can be observed. Near by is a model of a man taking spawn from a shad and a model of a distri-bution car. An attendant is always near the hatchery section to furnish all needed explanations.

The propagation and distribution of der proper restrictions. food fishes is but one branch of the bureau's work. It is also engaged in scientific investigations of the oceans

States Bureau of Fisheries exhibit at of our interior waters with a view to improving the supply of food fishes, in the collection and compilation of the sattistics of the fisheries and study of fishery methods and practices. It has not been practicable to illustrate in detail all the functions discharged, and owing to the limited space allotted the material available for the general exhibit has been arranged as a whole instead of by divisions or sections.

Specialization Exhibits.

There is shown a model of the sponge fisheries, with examples of the commercial sponges of Florida in contrast with those of foreign production, and a series of specimens grown in the course of the bureau's development of a method of sponge culture. Fresh water mussels are propagated by the bureau for the sake of their snells, which are extensively utilized for button making, and two cases are devoted to this subject. A third case contains marine shells which are used for commercial purposes. Near at hand are specimens of crustaceans and mollusks used for food and bait, and a comprehensive series of oyster shells showing types of oysters from different eastern beds. Pacific coast and European waters, examples of cysters transplanted from the east to western waters, curious forms of attachment, and enemies against which the oyster grower must contend.

An important branch of the bureau's work is the supervision of the fur-bearing animals of Alaska and the administration of the fur-seal islands, Independent 100,000 the Pribilof group in Bering Sea. A comprehensive series of the natural skins of these animals and of the fur seals occupies several cases and a section of wall space. Fur-seal skins are shown from the rough-salted stage in which they are shipped from the islands to the plucked and dyed skins ready for making into garments.

Vessels and Oceanography.

Models of the vessels of the bureau which are used for hydrographic and research work are exhibited, and there is a small historical collection of fishing vessels and boats showing their development from early times.

Examples of apparatus for oceanographic investigations, consisting of hydrographic instruments, dredges, nets, and other collecting implements. and a series of models of traps, weirs. seines, etc., are appropriately dis-

There is also a collection of fishing tackle filling several cases. On the walls and on swinging screens are pictures of fishing scenes photographs of fish-cultural stations, tabulations of the extent and value of the fishing industry, especially as pertaining to the bureau and related works.

If suitable arrangements can be made, the research steamer Albatross will be anchored off the exposition grounds when not engaged in active duty, and will be open to visitors unbrings one-half above prices.

HALIBUT GATCH

Following is a list of halibut arrivals on the Pacific coast during March as compiled by the Pacific Fisherman:

Scattle Vessels .- Independent Schoon-

THE RESERVE OF THE PROPERTY OF	LIND,
San Jose	30,000
Tordenskjold	40,000
Yakutat	40,000
M. Endresen	35,000
Jupiter	8,000
Alaska	65,000
Constance	20,000
Wilson	22,000
Omaney	50,000
Pacific	20,000
Rolfe	15,000
Athena	40,000
Tom & Al	80,000
Corona	4,000
America	25,000
Malolo	10,000
Alvilda	12,000
Lincoln	14,000
Alten	35.00
Pacific	18,000
Seattle	45,000
Albatross	38,000
Panama	14.000
Johanna	15,000
Orient	40,000
Elsie	10,000
Uranus	15,000
Pauline	9,000
Constance	40,000
M. Endresen	50,000
Total s	50 000

Company Vessels. Chicago 80.000 Zapora 35 000 8,000 Starr .. San Juan 50,000 Ohicago 175,000 Scandia 50,000 independent

Total 568,000 Halibut Landed at Seattle by Regular

	Steamers.	
	Alameda	224
į	lefferson	
	Admiral Evans	139
1	Wariposa	171
	Humboldt	507
	Spokane	151
i	Admiral Watson	25
	Despatch	
	Jefferson	114
	Alameda	99
	Humboldt	155
	Spokane	45
ë		33
		366
į		20
9	Al-Ki	
3	Dolphin	
	Humboldt	43
	Alameda	61
3	Spokane	152
	Total	
	*Boxes contain about 450 pounds	(35)(35)(4)
	halibut, and the price quoted is	
	first grade fish; second grade fi	sh

Halibut Arrivals at Prince R

١	Deborah
I	THEORIA
ı	
l	
17	Z011a
	Borealis
	Pandora
	TTEOTED H: HOSTON
	James Carruthers
	Chief Skugaid
	Chief Tibe
	Chief Zibassa
	Blandine
	Carrotta (+ IFOV
	123 11113
	[110e #
	Tulaul
	Grier Starratt
2	Zorra
d	Borealis
3	
3	Andrew Kelly
719	
ij	Table
ã	Pandera
ĝ	Independent schooners
1	
ł	Total
į	Halibut Arrivals at Vancouver,
9	Tianbut Arrivais at vancouver,
1	Pescawha
ł	Trapp
Ì	Flamingo
l	Emma H
ŀ	Knickerbocker
	Celestial Empire
	Flamingo
	Trapp Emma H
ľ	Emma H
00000	Celestian Empire

1otal Halibut Arrivals at Steveston, B Roman-Columbian Cold Storage Co.,

Halibut Arrivals at Victoria, B Jessie Porto Rico Fish Market,

San Juan, April 13 .- We report week the following arrivals of stuffs, etc.:

At San Juan,-Str. Brazos, 10 cod, 25 tes. pollock, 10 tes. fish bxs. salmon, 25 bxs. bloaters; str. inquen, 50 tcs. cod, 33 tcs. polloc tcs. fish.

At Ponce-Str. Brazos, 110 tcs. 20 tes. haddock, 20 tes. polloc bxs. salmon; str. Borinquen, 25 cod, 63 tes. fish. 10 tes. pollock; Ida M. Zinck, from Lunenburg, 556 tes and 200 bxs. cod, 200 bbls.

At Mayaguez-Str. Brazos, 20 cod, 30 tes. pollock, 20 tes. fish, 25 salmon; str. Borinquen, 121 tes. 10 tes. pollock, 150 bxs bloaters,

For Outports-Str. Borinquen, bxs. salmon, 7 bbls. mackerel, 250 bloaters.

Codfish-We have been for than a week under a heavy spe rain, which has worked against fish business, first by paralyzing and then by deteriorating stocks. demand for the small and medium es is meager, and as for large the mone. Sales are registered of and medium Nova Scotia and foundland cod at from \$28 to \$30, for small and medium Gloucest from \$27 to \$28.50 per cask of 448 net ex wharf. Inferior cod sel

from \$15 to \$25 per cask. Pollock and Haddock-Stocks moderate and prices remain neighborhood of \$24 per drum Ramirez & Co.

seiners have been doing but lite past few days out south, the fare reported today being sch. a, Capt. John A. McKinnon, who d at New York yesterday afterwith 2500 medium fresh mack-

despatch to the Times from New this morning states that 175 barf fresh bloater mackerel were refrom Chincoteague and Cape

Wril 30

ECORD CARGO OF LOBSTERS.

Expects This Species Will Reach Lowest Price.

closing of the European market xuries almost put a stop to the er industry at Yarmouth with the that increased shipments have made to Boston within the past months. Yesterday the steamer n of the Eastern Steamship Cortion brought in the largest conent of lobsters ever received in port, The vessel carried 1795 filled with green ,squirming lobthat will soon grace the cafe and tables of Greater Boston. All told were 214,375 lobsters on the As the great lobster inry of the north coast must seek outlet, officers of the steamer prethat the product will sell at a er price in Boston than ever before.

Saving the Fish.

e of the many interesting activiof the bureau of fisheries is the of fishes from the temporary fresh fish. s and pools formed when the Misippi river and its tributaries subafter the annual freshets. During fiscal year 1914 about two million hundred thousand fish of all spewere saved, this number being If three times the collection of the ous year. All of these fishes ld have perished from the drying freezing of the ponds. Most of Were returned to the main ms, thus aiding in keeping them sed with this valuable article of which increases in value with evrise in the price of beef, pork and

Dominion Ice Reports.

As telegraphed by the Superinten-Signal Service, Quebec, to the lifar Board of Trade: Heath Point-Dense fog east. Cape Traverse No change. Scatarie Heavy, open ice every-

Point Tupper-Strait full of ice. rindstone—Heavy ice north and

Bryon Island and Pleasant Bay-Plat Point-Heavy, open ice, sta-

Cape Race-Icebergs east, south

AT NEW YORK DOWN FROM HIIB

All Have Fish for the Splitters-Gill Netters Landings Was Light.

down from Boston to split. They are schs. Mary P. Goulart, 90,000 pounds: Mary F. Sears, 50,000 pounds; Mary E. Sennett, 10,000 pounds; Richard, 25,000 pounds; Eva and Mildred 20,000 pounds. Receipts from yesterday's gill netters totalled about 25,000

Today's Arrivals and Receipts.

The arrivals and receipts in detail

Sch. Mary P. Goulart, via Boston, 90,000 lbs. fresh fish.

Sch. Mary F. Sears, via Boston, 50,-000 lbs. fresh fish.

Sch. Mary E. Sennett, via Boston. 10,000 lbs. fresh fish.

Sch. Richard, via Boston, 25,000 lbs. fresh fish.

Sch Eva and Mildred via Boston. 20,000 lbs. fresh fish.

Str. Ethel, gill netting, 2500 lbs. fresh fish.

Str. Sawyer, gill netting, 1500 lbs.

Str. Dolphin, gill netting, 1200 lbs. fresh fish.

Str. Mary F. Ruth, gill netting, 4500 lbs, fresh fish,

Str. Quartette, gill netting, 1500 lbs. fresh fish.

Str. Evelyn H., gill netting, 2000 lbs. fresh fish.

Str. Lorena, gill netting, 1500 lbs.

fresh fish. Str. Julia May, gill netting, 1500 lbs.

fresh fish.

Str. Bessie A., gill netting, 1500 lbs.

fresh fish.

Sch. W. H. Moody, via Boston.

Sch. Rose Dorothea, via Boston, 70, 000 lbs. fresh fish.

Sch. Georgianna, shore.

Vesse's Sailed.

Sch. Georgianna, halibuting. Sch. Edith Silveria, haddocking.

Sch. Rose Standish, haddocking.

Sch Gov. Russell, dory handlining.

Sch. Atalanta, flitching.

CH. NORMA IN FIVE VESSELS WAR AND THE BRITISHIBEAM TRAWLERS

Dogger Bank May Soon Come Into Its Own Again.

If a fish could laugh, the fish in the | propagation of their kind. Five more fares of fresh fish are North Sea must be grinning right down to their fins. For years this stretch of ccean has provided a living for thousands, and food for millions, and now it is safe to say that the only things that are fished for are mines. Just think of the jolly time the fish must be having-spawning and rearing large families, and quite undisturbed on their feeding grounds by the menace of steam trawlers.

> In August we tried to conduct business as usual, but after we had pulled up two or three mines and sacrificed our gear to get rid of them as quickly as possible, and after two or three of my steam trawlers had been blown to glory with every human being on board, we gave up trying to gather the Harvest of the North Sea. Now we don't fish east of Portland, and I have sent most of my boats to Plymouth, not that they are of much use there, but because I feel they may as well be trying to do something.

People think that because the price of fish is so high that we must be making money much the same as usual. But that is where they make their mistake. Above a certain price the wholesaler cannot look for his usual percentage of profit, and so this enhanced price does not profit us.

And I don't see how things are going to improve after the war. Now there are too few fish; when peace is Str. Sunflower, gill netting, 1500 lbs. declared there will be too many. The North Sea will be thick with themthe hauls will be so tremendous that they won't be worth putting on the market-and I shouldn't even be surprised if the Dogger Bank comes into its own again.

I don't suppose many landsmen have heard of the Silver Hole. It's a place in the bed of the ocean on the Dogger Bank. In the olden days it used to be full from top to bottom with fish, and many's the fortune that has been made there. The steam trawlers killed it, of course—as they killed the Dogger Bank altogether-by tearing up the mud in which the fish deposit their spawn, and so preventing the

If the war goes on for another 12 months this fishing ground will come into its own again, and the first trawler to strike the Silver Hole will, I expect, find it as rich a seam as it was in the old days.

Then there are the Goodwins. For hundreds of years French and English fishermen made a living there. Fish are funny things-nobody understands them-not even those who have studied them all their lives. For nine months out of the year there is not a fish to be seen there-I mean in the sense that the master of a trawler understands fish. And then, six weeks before Christmas, and for six weeks after they absolutely swarm.

They come to feed, of course. But why they should select the Christman season in particular nobody has ever been able to discover. But there it is. Old fishermen say that you can set a calendar by them. What must they be doing this year--just feeding and rearing large families, and enjoying themselves as if there has never been such a thing as a trawler in the world.

For the moment the only safe place to fish in on the eastern side is off Iceland, but to get there you have to run through several mine fields, and many owners of steam trawlers don't care about asking their hands to run the risk. Now that the Atlantic is clear of German raiders, I am going te try my luck in the one fishing ground that is left to us-that is off the coast of Morocco.

Perhaps my boats will be able to make good there the losses they have suffered in the North Sea. But at present the outlook is gloomy-with not enough fish now, and the prospect of too many fish after the war is over.

I don't think business will be as usual, in the catching and selling of fish, for many a long day.-Pearsons.

TWO NETTERS LANDED TRIPS

The first netting fares to be landed by the local fleet were brought in at Lewes, Delaware, yesterday. The Cruiser had eight barrels and the Lafayette, six barrels, which were shipped to New York.

Dominion Bait Reports.

Souris, P. E. I., April 27 .- Murray Harbor, East Point, Morrell and Souris reports heavy close packed ice No lobster gear out. No herring.

Queensport, April 27. - scarce today. No ice.

Amherst Harbor, M. I., April 27. herring caught in net at Grindston last night. Herring expected any moment.

FIRST VESSELS AT MAGDALENS

Advices - from Magdalen Islands Tuesday announced that the first vessels of the season had arrived there on the previous day. Three fishing vessels are reported to have made, harbor there for bait.